



Accessories

10012753 - 2m PVC Cable, 16pin, f



Characteristics of Head 1

Standards/Regulations	M23 Connector
Coding	Left Counting
Gender	Female
Number of Positions	16
Contact Surface Material	Brass (Gold Plated)
Housing Material	Zinc Die-cast, Nickel Plated
Knurls Material	Zinc die-cast, nickel-plated
Contact Connection Method	Solder Connection
Degree of Protection	IP67
Cable Diameter Range	4.5 - 8.5 mm
Cross Section Range	1.50 mm ²

Cable Specifications

Length of Cable	2.0 m
Outer SheathType	PVC
Outer Sheath Color	Gray RAL 7001
Shielding	Braided Shielding
Material Conductor Insulation	PVC

Data Sheet

Printed at 30-09-2022 14:09



Conductor Cross Section (in sqmm)	8 x 2 x 0.14
Number of Leads	16 Leads
Twisted Pair	Yes
AWG Signal Line	AWG 26
External Cable Diameter	7.70mm \pm 0.4mm
Smallest Bending Radius - Fixed Installation	60 mm
Smallest Bending Radius - Movable Installation	77 mm
UL Style	N.A
Insulation resistance * (per km)	$\geq 20 \text{ M}\Omega\cdot\text{km}$
Conductor Resistance * (per km)	$\leq 135 \text{ }\Omega/\text{km}$

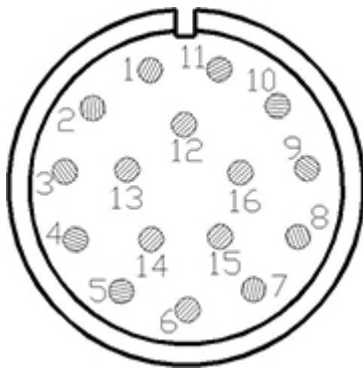
Characteristics of Head 2

Standards/Regulations	Open Wire End
-----------------------	---------------

General Data

Ordering Code	10012753 - CBL-M23S-F16L-020AB-166Y-001
Weight	350 g
Weight	100 g
Operating Temperature	-20 °C / -4° F to 130 °C / 266° F
Operating Temperature	-5°C (23°F) to 70°C (158°F)

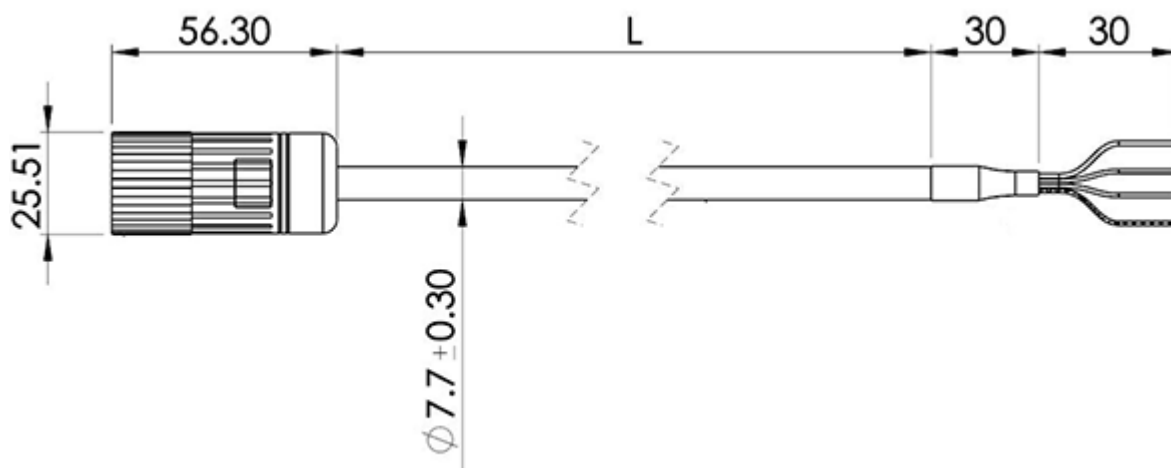
Pin Assignment



Contact Assignment



M23 Connector	Wire Color	M23 Connector	Wire Color
Pin 1	White	Pin 9	Black
Pin 2	Brown	Pin 10	Violet
Pin 3	Green	Pin 11	Grey-Pink
Pin 4	Yellow	Pin 12	Blue-Red
Pin 5	Grey	Pin 13	White-Green
Pin 6	Pink	Pin 14	Brown-Green
Pin 7	Blue	Pin 15	White-Yellow
Pin 8	Red	Pin 16	Yellow-Brown



Contact



Contact Us

All dimension in [inch] mm. This drawing and the information contained is for general presentation purposes only. Please refer to the "Download" section for detailed technical drawings. © FRABA B.V., All rights reserved. We do not assume responsibility for technical inaccuracies or omissions. Specifications are subject to change without notice.